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APR 10 2002

TECH CENTER 1600/2900



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/006,069A

DATE: 03/29/2002 8-5
TIME: 13:14:14

Input Set : A:\SUB194965830.app

Output Set: N:\CRF3\03292002\J006069A.raw

4 <110> APPLICANT: Rebar, Edward
 5 Jamieson, Andrew
 6 Liu, Qiang
 7 Liu, Pei-Qi
 8 Wolffe, Alan
 9 Eisenberg, Stephen P.
 10 Jarvis, Eric
 11 Sangamo BioSciences, Inc.
 13 <120> TITLE OF INVENTION: Regulation of Angiogenesis With Zinc
 14 Finger Proteins
 16 <130> FILE REFERENCE: 019496-005830US
 C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/006,069A
 C--> 19 <141> CURRENT FILING DATE: 2001-12-17
 21 <150> PRIOR APPLICATION NUMBER: US 09/733,604
 22 <151> PRIOR FILING DATE: 2000-12-07
 24 <150> PRIOR APPLICATION NUMBER: US 09/736,083
 25 <151> PRIOR FILING DATE: 2000-12-12
 27 <150> PRIOR APPLICATION NUMBER: US 09/846,033
 28 <151> PRIOR FILING DATE: 2001-04-30
 30 <160> NUMBER OF SEQ ID NOS: 252
 32 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 34 <210> SEQ ID NO: 1
 35 <211> LENGTH: 9
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: target
 42 <400> SEQUENCE: 1
 43 atggacggg 9
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 9
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: target
 53 <400> SEQUENCE: 2
 54 kggggctgg 9
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 9
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: target

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64 <400> SEQUENCE: 3
65 gagkgkggyg 9
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 9
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: target
75 <400> SEQUENCE: 4
76 ggggggaggw 9
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 9
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: target
86 <400> SEQUENCE: 5
87 ggdtggggg 9
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 9
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: target
97 <400> SEQUENCE: 6
98 arggggggag 9
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 9
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: target
108 <400> SEQUENCE: 7
109 tgggcagac 9
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 9
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: target
119 <400> SEQUENCE: 8
120 tgggggtgg 9
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 9
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: target
130 <400> SEQUENCE: 9

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131	atggacggg	9
133	<210> SEQ ID NO: 10	
134	<211> LENGTH: 9	
135	<212> TYPE: DNA	
136	<213> ORGANISM: Artificial Sequence	
138	<220> FEATURE:	
139	<223> OTHER INFORMATION: target	
141	<400> SEQUENCE: 10	
142	gyaggggcc	9
144	<210> SEQ ID NO: 11	
145	<211> LENGTH: 9	
146	<212> TYPE: DNA	
147	<213> ORGANISM: Artificial Sequence	
149	<220> FEATURE:	
150	<223> OTHER INFORMATION: target	
152	<400> SEQUENCE: 11	
153	gdggaaghc	9
155	<210> SEQ ID NO: 12	
156	<211> LENGTH: 9	
157	<212> TYPE: DNA	
158	<213> ORGANISM: Artificial Sequence	
160	<220> FEATURE:	
161	<223> OTHER INFORMATION: target	
163	<400> SEQUENCE: 12	
164	akggaagg	9
166	<210> SEQ ID NO: 13	
167	<211> LENGTH: 9	
168	<212> TYPE: DNA	
169	<213> ORGANISM: Artificial Sequence	
171	<220> FEATURE:	
172	<223> OTHER INFORMATION: target	
174	<400> SEQUENCE: 13	
175	gccggggag	9
177	<210> SEQ ID NO: 14	
178	<211> LENGTH: 9	
179	<212> TYPE: DNA	
180	<213> ORGANISM: Artificial Sequence	
182	<220> FEATURE:	
183	<223> OTHER INFORMATION: target	
185	<400> SEQUENCE: 14	
186	ggggaggvk	9
188	<210> SEQ ID NO: 15	
189	<211> LENGTH: 9	
190	<212> TYPE: DNA	
191	<213> ORGANISM: Artificial Sequence	
193	<220> FEATURE:	
194	<223> OTHER INFORMATION: target	
196	<400> SEQUENCE: 15	
197	ggggaggvk	9

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Input Set : A:\SUB194965830.app

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199 <210> SEQ ID NO: 16
200 <211> LENGTH: 9
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: target
207 <400> SEQUENCE: 16
208 ggggaggvk 9
210 <210> SEQ ID NO: 17
211 <211> LENGTH: 9
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: target
218 <400> SEQUENCE: 17
219 ggggaggat 9
221 <210> SEQ ID NO: 18
222 <211> LENGTH: 9
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: target
229 <400> SEQUENCE: 18
230 ggggvvggat 9
232 <210> SEQ ID NO: 19
233 <211> LENGTH: 9
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: target
240 <400> SEQUENCE: 19
241 ggggaggmt 9
243 <210> SEQ ID NO: 20
244 <211> LENGTH: 9
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: target
251 <400> SEQUENCE: 20
252 gawgggggc 9
254 <210> SEQ ID NO: 21
255 <211> LENGTH: 9
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: target
262 <400> SEQUENCE: 21
263 atgggggtg 9
265 <210> SEQ ID NO: 22

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RAW SEQUENCE LISTING

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
Input Set : A:\SUB194965830.app

Output Set: N:\CRF3\03292002\J006069A.raw

```

266 <211> LENGTH: 9
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: target
273 <400> SEQUENCE: 22
274 ggggggctgg 9
276 <210> SEQ ID NO: 23
277 <211> LENGTH: 9
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: target
284 <221> NAME/KEY: misc_feature
285 <222> LOCATION: (9)...(9)
286 <223> OTHER INFORMATION: n = g, a, c, or t
288 <400> SEQUENCE: 23
W--> 289 gdgtggggn 9
291 <210> SEQ ID NO: 24
292 <211> LENGTH: 9
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: target
299 <400> SEQUENCE: 24
300 gggggcgct 9
302 <210> SEQ ID NO: 25
303 <211> LENGTH: 9
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: target
310 <400> SEQUENCE: 25
311 gctgggggc 9
313 <210> SEQ ID NO: 26
314 <211> LENGTH: 9
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: target
321 <400> SEQUENCE: 26
322 gggggtgac 9
324 <210> SEQ ID NO: 27
325 <211> LENGTH: 9
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: target
332 <400> SEQUENCE: 27

```


 Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 03/29/2002

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Input Set : A:\SUB194965830.app

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L:18 M:270 C: Current Application Number differs, Replaced Current Application Number

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23

L:2466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206

L:2503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208

L:2505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208

L:2779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228

L:2820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231

L:2861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234